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Pasco Basin Stratigraphic Nomenclature

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The enclosed chart represents the stratigraphic nomenclature used by the Waste Isolation Program in the Pasco Basin, Washington as of May 4, 1978.

An attempt has been made to use currently accepted regional nomenclature and symbols for stratigraphic units of member rank.⁽¹⁻⁶⁾ Informal nomenclature is used for stratigraphic units of flow and bed rank; this usage is consistent with the Code of Stratigraphic Nomenclature, Article 8, Remark (a).⁽⁷⁾

Note that the first letter of the symbol for members indicates the system and the second letter indicates the member name -- not the formation name. For example, Tp indicates Tertiary System, Pomona Basalt Member. This method permits greater flexibility for avoiding long, complex letter symbols on detailed maps and cross sections showing units below member rank.

It is expected that this terminology will evolve, undergoing changes as additional work is conducted in the Pasco Basin and across the Columbia River Plateau.

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FACIES OF GLACIOFLUVIAL STRUCTURE
AND EOLIAN DEPOSITS
EL. FLUVIAL, WELL BEDDED, E
RTED, ENTED
ED GRAVEL AND SAND, CLAY IS BUT MAY BE GREEN, BROWN, OR TAN
Magnetic Polarity
N = Normal
R = Reversed
T = Transitional

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